

REMARKS

In accordance with the foregoing, the specification and claims 1, 2, 5, 6, 9, 10, 13, 14, 17, 18, 21, 22, 25, 26, 30, 33, 34, 37, and 38 are amended. No new matter is presented in any of the foregoing and, accordingly, approval and entry of the amended specification and claims are respectfully requested.

Claims 1-40 are pending and under consideration.

The specification is amended herein to correct a typographical error, and is amended to recite that if the "result of step S34 is "YES", that is, the off-contact time is shorter than or equal to the predetermined time T_1 , the process goes to step S36." (Emphasis added, see FIG. 7.)

CLAIM AMENDMENTS

Independent claims 1, 9, 21, 25, and 29 are amended herein to recite respectively, a coordinate detection device and a writing device, and independent claims 5, 13, 21, 29, 33, and 37 are amended herein to respectively recite a method of detecting coordinates and a computer-readable recording medium that stores a method of detecting coordinates, using claim 1 as an example, "wherein the distance calculated by said calculation unit is transmitted to a host apparatus so as to prevent the current input operation from being connected to the previous input operation on a display." (See, for example, page 8, lines 34-37, discussing "a coordinate value detected in the coordinate detection device is transmitted to a host computer 6 via a communication unit 4.")

According to an aspect of the present invention (see, for example FIGs. 9A-12), an imaginary distance g (FIG. 9B), i.e., a distance between the operations (strokes) (b) and (c) (FIGs. 11 and 12), is calculated to be output as a cursor movement j (FIG. 10B) so as to prevent the operations (b) and (c) from being sequentially expressed (that is, being connected to each other). As illustrated, for example, in FIGs. 11-12, an operation (a) is a movement of the cursor, and first mode can be a relative coordinate value mode which outputs, as a movement, a difference between the respective coordinate values detected at previous and current sampling timings.

According to an aspect of the present invention, it is determined using a second-type mode determination, whether the off-contact time between the operations (a) and (b) is shorter than or equal to a predetermined time. If an off-contact time between operations (a) and (b) is shorter than or equal to the predetermined time, the first mode (relative coordinate value mode) is switched to the second mode, that enables "a setting unit setting, in said calculation unit, a

coordinate value at a time when the input device is detached from the surface of said input unit as the final coordinate value of the previous input operation" (claim 1) so that "a distance between a final coordinate value of a previous operation and a beginning coordinate value of a current input operation by said input unit" (claim 1) is calculated. The second mode remains until an end of the operation (d) so that the operations (strokes) (b) through (d) are displayed as separate strokes, see FIG. 11 without being "sequentially expressed." As illustrated in FIG. 12, if the first mode is not switched to the second mode, i.e., the first mode remains the relative coordinate value mode through the operations (a) through (e), the operations (b) through (d) are "sequentially expressed."

No new matter is presented in any of the foregoing and, accordingly, approval and entry of the amended claims are respectfully requested.

ITEM 2: REJECTION OF CLAIMS 1-8, 17-24 AND 33-36 UNDER 35 U.S.C. 112, FIRST PARAGRAPH

In item 2, the Examiner rejects claims 1-8, 17-24 and 33-36 under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. (Action at pages 2-3). The Examiner contends "there is no teaching in the specification of having the coordinate values being successive over detachment of the input device."

Independent claims 1, 5, 17, 21, and 33 are amended herein, using claim 1 as an example, to recite a "current input operation occurring after a detachment of the input device from the surface of said input unit during the immediately preceding previous input operation."

Applicant submits that after such amendments claims 1-8, 17-24 and 33-36 comply with 35 U.S.C. 112, first paragraph and withdrawal of the rejection is requested.

ITEM 4: REJECTION OF CLAIMS 1-40 UNDER 35 U.S.C. 112, SECOND PARAGRAPH

In item 4, the Examiner rejects claims 1-40 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner contends that:

(a)ll independent claims recite, "coordinate values of previous and current input operation", or "coordinate value of a first input operation and a coordinate value of a second input operation". This limitation is not clear because there is no specific recitation of whether the coordinate values of the current, previous, first or second of the input operation is the beginning, end or middle of the operation.

(Current Action at page 3).

Independent claims 1, 5, 9, 17, 21, 25, and 33, are amended herein, using claim 1 as an

example, to recite a coordinate detection device, a writing device "calculating a distance between a final coordinate value of a previous operation and a beginning coordinate value of a current input operation by said input unit."

Applicant submits, however, that claims 13-16, 29-32, and 37-40 are definite as currently written, and that the Examiner's contentions do not apply. Using claim 13 as an example, the claims 13-16, 29-32, and 37-40 recite a method of detecting coordinates, comprising:

inputting at least one coordinate value to a surface of an input unit; setting a coordinate value of a first inputting as the final coordinate value input of the first inputting if a second inputting has not occurred for a predetermined time; and calculating a distance difference between the set coordinate value of the first inputting and an initial coordinate value of the second inputting.

That is, Applicant submits it is clear as currently written what value a coordinate value has regarding a first inputting and a second inputting in claims 13-16, 29-32, and 37-40 as currently written.

Applicants submit that claims 1-40 (independent claims 1, 5, 9, 17, 21, 25, and 33 being amended) are definite and request the rejection under 35 U.S.C. 112, second paragraph be withdrawn.

ITEM 6: REJECTION OF CLAIMS 1, 5, 9, 13, 17, 21, 25, 29, 33 AND 37 UNDER 35 U.S.C. 103(a) AS BEING UNPATENTABLE OVER LOUDON ET AL. (U.S.P. 6,556,712)

ITEM 7: REJECTION OF CLAIMS 2-4, 6-8, 10-12, 14-16, 18-20, 22-24, 26-28, 30-32, 34-36 AND 38-40 UNDER 35 U.S.C. 103(A) AS BEING UNPATENTABLE OVER LOUDON IN VIEW OF MAXTED (U.S. P. 6,340,967)

independent claims 1, 9, 21, 25, and 29 (all as amended) recite respectively, a coordinate detection device and a writing device, using claim 1 as example, "calculating a distance between a final coordinate value of a previous operation and a beginning coordinate value of a current input operation by said input unit, the current input operation occurring after a detachment of the input device from the surface of said input unit during the immediately preceding previous input operation; and a setting unit setting, in said calculation unit, a coordinate value at a time when the input device is detached from the surface of said input unit as the final coordinate value of the previous input operation, wherein the distance calculated by said calculation unit is transmitted to a host apparatus so as to prevent the current input operation from being connected to the previous input operation on a display."

Independent claims 5, 13, 21, 29, 33, and 37 (all as amended) respectively recite a method of detecting coordinates and a computer-readable recording medium that stores a method of detecting coordinates including, using claim 5 as an example "calculating a

distance between a final coordinate value of a previous operation and a beginning coordinate value . . . wherein the distance calculated by said calculating is transmitted to a host apparatus so as to prevent the current input operation from being connected to the previous input operation on a display."

The Action concedes that Loudon does not teach "a setting unit setting, in said calculation unit, a coordinate value at a time when the input means device is detached from the surface of said input unit as the coordinate value of the previous input operation." (Action at page 5).

The Action also concedes that Loudon does not teach "determining an operation mode . . . and control unit that enables or disables the setting unit on determination result of the determination unit. (Action at page 6).

In addition, Applicant submits that features recited by claims 1-40, as amended, including a "distance calculated by said calculation unit is transmitted to a host apparatus so as to prevent the current input operation (second input operation or second inputting) from being connected to the previous input operation (first input operation or first inputting) on a display" are not taught by the cited art alone or in combination.

Loudon, merely teaches (see, for example, col. 12, lines 21-34) that a distance between consecutive strokes is merely calculated so as to perform interpolation between the consecutive strokes so that "writing will be converted into a single-stroke representation."

That is, Loudon in fact teaches away from a transmitting the calculated distance to a host apparatus so as to prevent the current input operation (second input operation or second inputting) from being connected to the previous input operation (first input operation or first inputting) on a display.

Maxted merely teaches a correction method for use with a pen based computer system.

Conclusion

Since features recited by independent claims 1, 5, 9, 13, 17, 21, 25, 29, 33 and 37, all as amended, (and respective dependent claims) are not taught by the cited art, alone or in combination, the rejection should be withdrawn and the claims 1-40 allowed.

CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is

requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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